

Agilent Technologies, Inc.
Attorney Docket No. 10010819-1; USSN: 10/001,688; Firmg Date Oct. 25, 2001
Title: "Composition and Method for Optimized Hybridization using Modified Solutions"
Inventor: Theodore R. Sana

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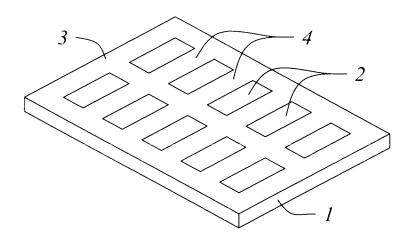


FIG. 1

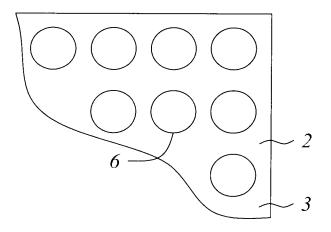


FIG. 2



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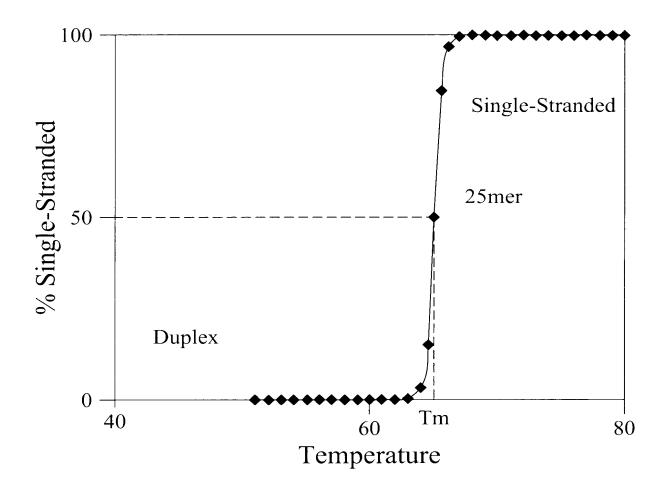


FIG. 3



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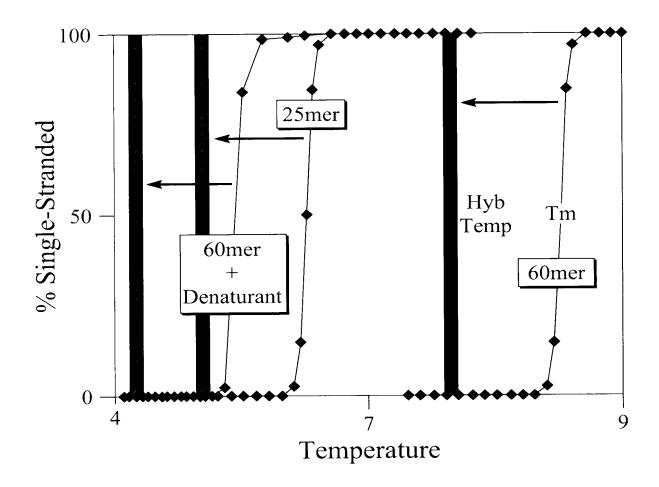


FIG. 4



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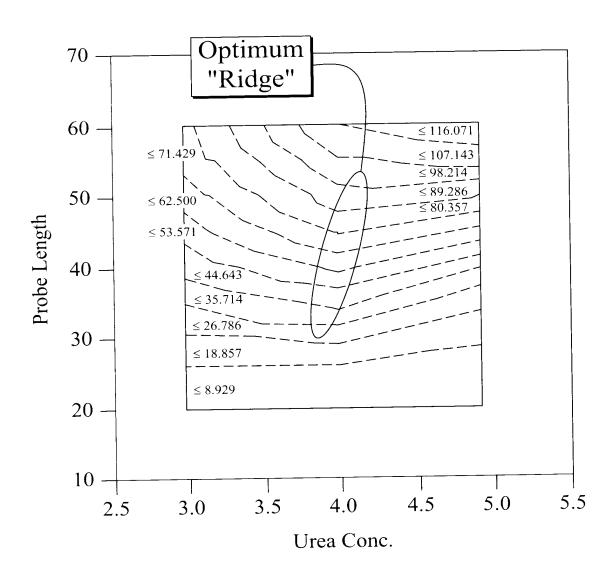


FIG. 5



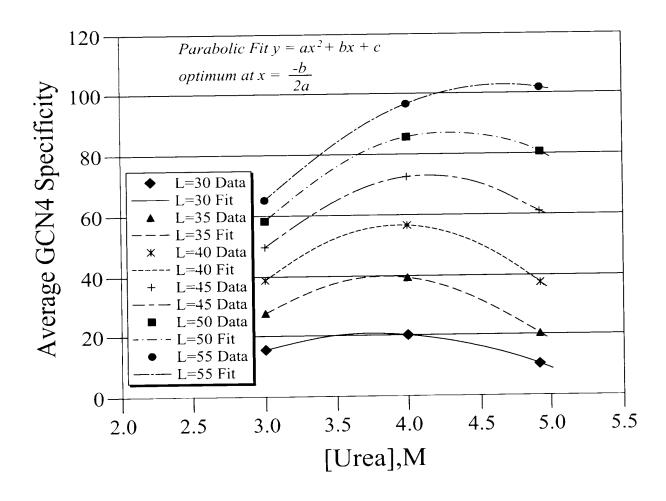


FIG. 6

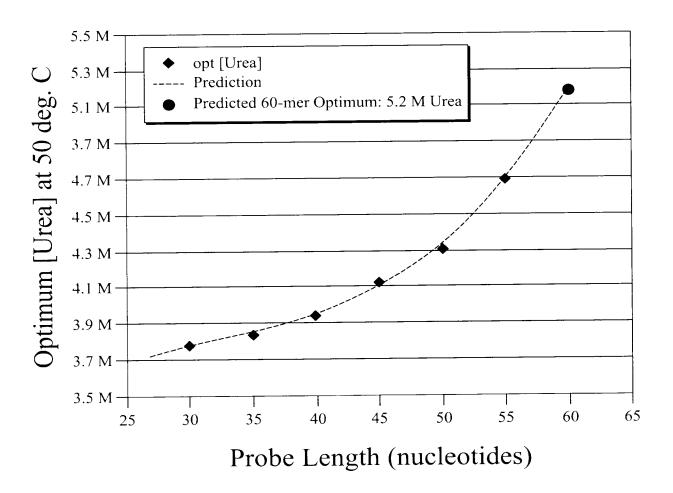


FIG. 7



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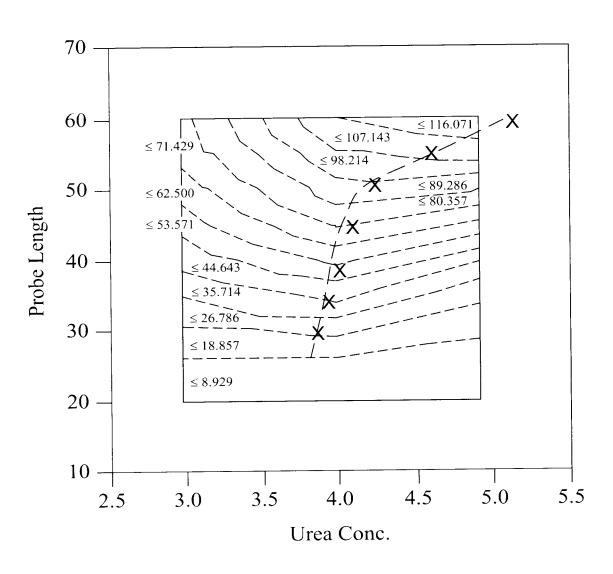


FIG. 8

Agilent Technologies, Inc Attorney Docket No. 10010819-1; USSN: 10/001,688; Filing Date Oct. 25, 2001 Title: "Composition and Method for Optimized Hybridization using Modified Solutions" Inventor: Theodore R. Sana 8/8 (GCN4 = green; gcn4/gcn4 KO = red) (GCN4 = green; gcn4/gcn4 KO = red) 50°C, 4.9 M Urea 40°C, 4.9 M Urea (GCN4 = green; gcn4/gcn4 KO = red) 45°C, 4.0 M Urea GCN4 = green; gcn4/gcn4 KO = red) GCN4 (GCN4 = green; gcn4/gcn4 KO = red) 40°C, 3.0 M Urea Probe Length Increasing HXT3